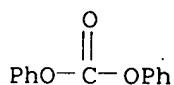


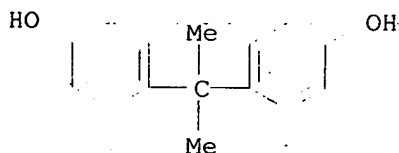
CM 2

CRN 102-09-0  
 CMF C13 H10 O3



CM 3

CRN 80-05-7  
 CMF C15 H16 O2



L36 ANSWER 15 OF 92 HCAPLUS COPYRIGHT 2002 ACS

AN 2000:314748 HCAPLUS

DN 132:309178

TI Weatherable polyester-polycarbonate block copolymers  
 and blends containing them

IN Siclovan, Tiberiu Mircea; Webb, Jimmy Lynn; Brown, Sterling Bruce;  
 Buckley, Donald Joseph, Jr.; Pickett, James Edward

PA General Electric Company, USA

SO PCT Int. Appl.; 26 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C08G063-64

CC 37-3 (Plastics Manufacture and Processing)

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000026274	A1	20000511	WO 1999-US20413	19990907

W: CN, JP, SG

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE

= WO 00/26275

- EP 1124878 A1 20010822 EP 1999-945533 19990907  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI
- PRAI US 1998-181902 A 19981029  
WO 1999-US20413 W 19990907
- AB The block copolymers comprise org. **carbonate** blocks alternating with aryate blocks derived from resorcinol and .gtoreq.1 arom. dicarboxylic acids (e.g., isophthaloyl chloride and terephthaloyl chloride). The block copolymers are blended with other polymers such as **polycarbonates** and poly(alkylene carboxylates) to improve the weatherability. Thus, resorcinol reacted with isophthaloyl chloride and terephthaloyl chloride in the presence of tetra(n-butyl)ammonium bromide to form a hydroxy-terminated **polyester** intermediate having Mw 19,200 and Mn 9500, and then mixed with bisphenol A and phosgene to give a block copolymer with Mw 73,000.
- ST **polyester polycarbonate** block copolymer blend;  
isophthaloyl terephthaloyl chloride resorcinol **polyester** block;  
bisphenol phosgene **polycarbonate** block copolymer
- IT **Polyesters**, preparation  
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
(**polycarbonate-**, block; weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT **Polycarbonates**, preparation  
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
(**polyester-**, block; weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT Polymerization catalysts  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT **Polycarbonates**, uses  
**Polyesters**, uses  
**Polyesters**, uses  
RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT Polymer blends  
RL: TEM (Technical or engineered material use); USES (Uses)  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT 1643-19-2, Tetra(n-butyl)ammonium bromide 56375-79-2  
RL: CAT (Catalyst use); USES (Uses)  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT 265997-77-1P  
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT 40472-46-6P, Isophthaloyl chloride-resorcinol-terephthaloyl chloride copolymer 66554-57-2P, Isophthaloyl chloride-resorcinol-terephthaloyl chloride copolymer, sru  
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation)  
(weatherable polymer blends contg. **polyester-polycarbonate** block copolymers)
- IT 24936-68-3, uses 24968-12-5, Poly(butylene terephthalate) 25037-45-0, Bisphenol A **polycarbonate** 25038-59-9, Poly(ethylene

terephthalate), uses 26062-94-2, Poly(butylene terephthalate)  
RL: POF (Polymer in formulation); TEM (Technical or engineered material  
use); USES (Uses)

(weatherable polymer blends contg. polyester-  
polycarbonate block copolymers)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
RE

- (1) Bayer; EP 0448814 A 1991 HCAPLUS
- (2) General Electric; EP 0736558 A 1996 HCAPLUS
- (3) Union Carbide; EP 0193176 A 1986 HCAPLUS

IT 265997-77-1P

RL: IMF (Industrial manufacture); POF (Polymer in formulation);  
TEM (Technical or engineered material use); PREP (Preparation);  
USES (Uses)

(weatherable polymer blends contg. polyester-  
polycarbonate block copolymers)

RN 265997-77-1 HCAPLUS

CN 1,3-Benzenedicarbonyl dichloride, polymer with 1,4-benzenedicarbonyl  
dichloride, 1,3-benzenediol, carbonic dichloride and 4,4'-(1-  
methylethylidene)bis[phenol], block (9CI) (CA INDEX NAME)

CM 1

CRN 108-46-3

CMF C6 H6 O2

HO

OH

CM 2

CRN 100-20-9

CMF C8 H4 Cl2 O2



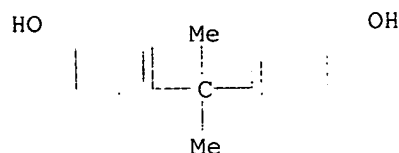
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CRN 99-63-8

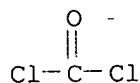
CMF C8 H4 Cl2 O2



CM 4

CRN 80-05-7  
CMF C15 H16 O2


CM 5

CRN 75-44-5  
CMF C C12 O


L36 ANSWER 16 OF 92 HCAPLUS COPYRIGHT 2002 ACS  
AN 1999:519571 HCAPLUS  
DN 131:145288  
TI Preparation of photochromic polycarbonate compositions and articles and thermoplastic films  
IN Brown, Michael W.; Michel, Rodney Lee; Hamilton, Douglas George; Skabardonis, John G.  
PA General Electric Company, USA  
SO Eur. Pat. Appl., 14 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
IC ICM C08J003-21  
ICS C08J005-18  
ICI C08L069-00  
CC 37-6 (Plastics Manufacture and Processing)  
Section cross-reference(s): 38  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 934968	A2	19990811	EP 1999-300532	19990126
	EP 934968	A3	19990818		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO